

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
15 March 2001 (15.03.2001)

PCT

(10) International Publication Number
WO 01/18948 A1

(51) International Patent Classification⁷: H02N 11/00, G21K 1/00

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(21) International Application Number: PCT/US00/24471

(22) International Filing Date:
7 September 2000 (07.09.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/153,120 8 September 1999 (08.09.1999) US
60/172,575 20 December 1999 (20.12.1999) US
60/213,071 21 June 2000 (21.06.2000) US

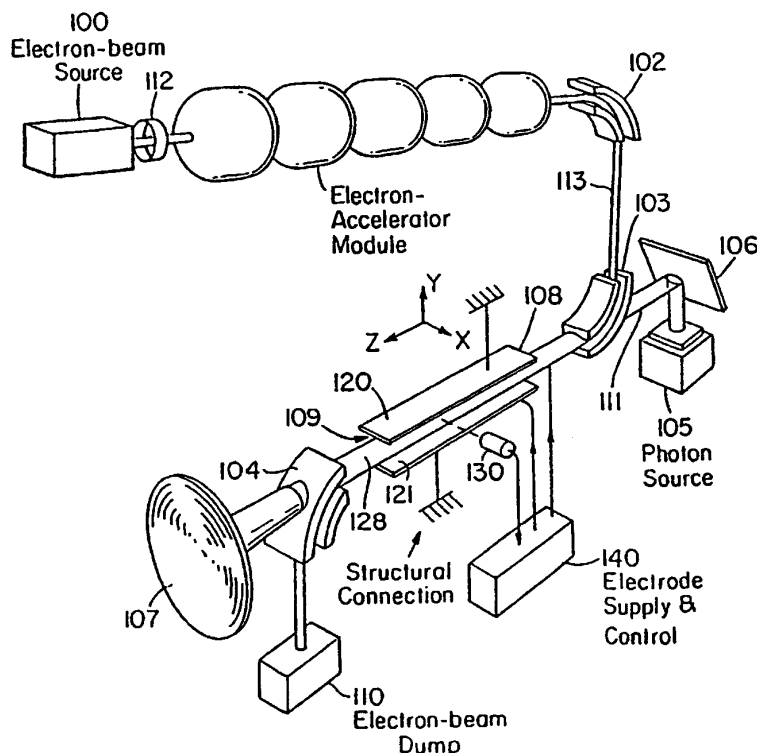
(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: APPARATUS AND METHOD FOR PROPULSION



(57) Abstract: A method and means to produce a force for propulsion comprises a source of electrons (100) and a means to produce electrons having a spatial velocity function having negative curvature; whereas, the gravitating body is comprised of matter having a spatial velocity function having positive curvature where opposite curvatures provide a mutually repulsive force. Electrons having a spatial velocity function having negative curvature are produced by elastically scattering the electrons of an electron beam (113) from atoms at a specific energy. The emerging beam of electrons having a spatial velocity function having negative curvature experiences a force away from the Earth, and the beam (113) moves upward (away from the Earth). To use this invention for propulsion, the repulsive force of the electron beam (113) is transferred to a negatively charged plate (121). The Coulombic repulsion between the beam of electrons and the negatively charged

plate causes the plate (121) (and anything connected to the plate) to lift. The craft is made to have angular momentum which is tilted relative to the axis defined by the gravitational force such that acceleration tangential to the surface of a gravitating body is achieved via conservation of the angular momentum.